

-continued

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<222> LOCATION: (5)..(5)
<223> OTHER INFORMATION: Glu, Arg, Lys, Gln or Asn
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<223> OTHER INFORMATION: Ser, Gly, Thr, Tyr, Cys, Glu, Leu, Ala, Pro,
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<222> LOCATION: (12)..(12)
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<223> OTHER INFORMATION: Glu or Asp

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<400> SEQUENCE: 55

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Glu Ile Arg Ser Xaa Ser Asp Xaa Xaa Ala Thr Xaa Tyr Ala Xaa Ala
1           5              10              15

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Val Lys Gly

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<210> SEQ ID NO 56
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<400> SEQUENCE: 56

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His His His His His His
1           5

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<210> SEQ ID NO 57
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<400> SEQUENCE: 57

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1           5              10              15

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We claim:

1. A method for treating headache in an individual, 55 comprising:

administering to the individual an effective amount of a humanized monoclonal anti-Calcitonin Gene-Related Peptide (CGRP) antagonist antibody, comprising:

two human IgG heavy chains, each heavy chain comprising three complementarity determining regions (CDRs) and four framework regions, wherein portions of the two heavy chains together form an Fc region; and 60 two light chains, each light chain comprising three CDRs and four framework regions;

wherein the CDRs impart to the antibody specific binding to a CGRP consisting of amino acid residues 1 to 37 of 65

SEQ ID NO:15 or SEQ ID NO: 43, and wherein the antibody binds to the CGRP with a binding affinity (K_D) of about 10 nM or less as measured by surface plasmon resonance at 37° C.

2. The method of claim 1, wherein the antibody is formulated with a pharmaceutically acceptable carrier, excipient, or stabilizer.

3. The method of claim 1, wherein the antibody is administered systemically, intravenously, subcutaneously, intramuscularly, or transdermally.

4. The method of claim 1, wherein the antibody is administered intravenously or subcutaneously.